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ABSTRACT OF THE DISCLOSURE

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A polishing fixture is provided for polishing the optic ends of a fiber optic cable terminated in a fiber optic connector. A holding plate has a receptacle for receiving the fiber optic connector, with at least a portion of each of a first side and a second side of the connector exposed. A clamping arm is disposed for linear movement relative to the holding plate and the received connector, as well as for pivotal movement relative to the holding plate and the received connector. The clamping arm has first and second clamping portions for engaging the first and second sides, respectively, of the connector. An actuator mechanism is operatively associated with the clamping arm for moving the clamping arm linearly to bring the first clamping portion of the arm into clamping engagement with the first side of the connector and then pivoting the clamping arm to bring the second clamping portion of the arm into clamping engagement with the second side of the connector.